

NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

Friday, November 1, 2002

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FROM THE DIRECTOR'S OFFICE

Glenn Mara

UC, labs successful in contract performance

In January 2001, NNSA and the University of California laboratories negotiated a contract extension that required UC and Lawrence Livermore and Los Alamos national laboratories to undertake five major contract initiatives to enhance performance. The labs' willingness and ability to accomplish these initiatives benefited UC and the labs by providing the foundation for our DOE/UC contract to be extended three additional years, until Oct. 1, 2005.

On Oct. 16, the NNSA, UC and the Labs' senior management leadership met in Washington, D.C. to evaluate this two-year project. NNSA's overall conclusion: UC and the labs have successfully "passed" all contract requirements.

To understand these events, let me provide the following background and perspective:

During August 2000, UC made proposals to NNSA to improve program performance at LLNL and LANL. Key among these proposals was the recommendation to add Appendix O to our DOE/UC contract, which would list specific performance improvement initiatives.

These initiatives represent specific commitments by UC related to five focused initiatives in managing and operating LANL and LLNL for the FY 2001 and FY 2002 periods.

UC's performance success against the Appendix O Initiatives in (1) Management Accountability, (2) Safeguards and Security Management, (3) Facilities Safety (including nuclear facility operations), (4) Critical Skills, Knowledge and Technical Capabilities, and (5) Project Management and Construction Project Management, was assessed based upon the expectations and methodologies contained in Appendix O.

In January 2001, within LLNL, the director charted two management teams to oversee Appendix O responsibilities:

1. An Appendix O Working Group, chaired by Den Fisher, with members having direct line-management responsibility for meeting initiative deliverables and milestones. The working group met monthly to oversee and direct the progress of LLNL Appendix O efforts.

2. A Senior Management Leadership Group was charted to oversee Appendix O and the overall implementation of the new contract provisions. This group, the "CISC" (Contract Implementation Steering Committee), was chaired by the deputy director of

See **DIRECTOR'S OFFICE**, page 7

Updates on security, DWTF

In a special visit Thursday to the Laboratory, Rep. Ellen Tauscher provided an update on homeland security, visited the Decontamination and Waste Treatment Facility and lauded employees as they embarked on the annual HOME campaign.

During a talk and question-and-answer session with homeland security staffers, Tauscher stated she is "not optimistic" about a homeland security bill receiving congressional approval this year.

"When the country is evenly split between the two political parties, it is much more difficult to get things done," the 10th district congresswoman told employees in the Bldg. 132 auditorium.

Tauscher, however, went on to offer that she expects LLNL and other Department of Energy laboratories to have extraordinarily strong roles in developing technology for combating terrorism.



MARCIA JOHNSON/TID

Rep. Ellen Tauscher, right, and EPD head Ellen Raber provided an update on the status of the Decontamination and Waste Treatment Facility.

"Your patriotism, sacrifices and work at the Laboratory are very, very important," Tauscher said. "You have so much more work to do in a

See **TAUSCHER**, page 8

Lawrence award winners honored

By Anne M. Stark

NEWSLINE STAFF WRITER

WASHINGTON D.C. — Bruce Goodwin and Ben Santer walked onto center stage Monday at the National Academies of Science auditorium as they each received a Department of Energy 2002 E.O. Lawrence Award for outstanding contributions in the field of atomic energy.

Goodwin, a physicist and the associate director of the Defense and Nuclear Technologies Directorate, was named for his work in the national security category, and Santer, a physicist in the program for Climate Model Diagnosis and Intercomparison, was honored for his work in the environmental science and technology category.

Goodwin and Santer were two of seven winners, each receiving a gold medal, a citation and \$25,000 during an awards ceremony Monday evening. Lab



ANNE STARK/NEWSLINE

Lab Director Michael Anastasio (far right) and Lab Executive Officer Ron Cochran (far left) were in Washington D.C. to toast Lawrence winners Ben Santer (second from left) and Bruce Goodwin (second from right).

Director Michael Anastasio, Executive Officer Ron Cochran and the recipients' families were on hand to congratulate and support the two Livermore awardees.

See **LAWRENCE**, page 8



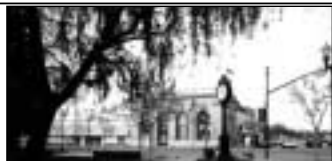
**Site 300
changes with times**

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**Running for
HOME**

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LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Monday
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LLNL and the American Red Cross will have a special **O-type blood drive** 9 a.m.- 2:45 p.m. Employees wishing to donate blood at this drive may schedule an appointment at <http://www.beadonor.com> (company code: LLNL) or by calling the LLESA Office at 2-9402.

...

B Division's fall book sale returns today through Friday, 11:30 a.m. to 1:30 p.m., in Bldg. 132, room 1200 (Q- or L-cleared access only). There are lots of old books, current hardback fiction, and kids books, plus the usual selection of fiction and non-fiction. All proceeds are used to buy Christmas gifts for needy children. Each year the sales help agencies in Alameda, Contra Costa and San Joaquin counties, plus individual families in need. Contact: Lynn Groves, 2-1684.

Wednesday
6

Lab scientists, researchers, postdocs and student employees are invited to the third annual **poster presentation** by participants in the Student Employee Graduate Research Fellowship Program. It will be held in the South Cafeteria 3-5:30 p.m. Contact: University Relations Program, 3-8257 or 2-0394.

...

A representative from **Fidelity Investments** will be onsite to meet with employees today and Thursday and Nov. 18 and 20. Fidelity Investments are available to UC's 403(b) participants in addition to the UC-managed investment funds. To schedule an appointment, call Fidelity at 1-800-642-7131. When calling, be sure to specify you are a LLNL employee.

...

There will be an informational meeting for anyone interested in participating in a **Singing Networking Group** at noon in Bldg. 141, room 1104. The group is looking for arrangers, composers, performers, and all with any musical interest, even if you've never performed with others before. Come brainstorm possibilities, eat cookies and meet new singers. Contact: A.C. Iyer, 2-7449.

Saturday
9

The **Vaqueros Del Mar Networking Group** is holding its annual awards banquet at the Monarch Hotel in Dublin. Cost for the event is \$35 per person. Contact: Bill Winters, winters@sandia.gov or 294-2367.

Up
Coming

The LLESA Rubber Stamping Networking Group is holding a **"stamp camp"** Saturday, Nov. 16, at 10:30 a.m. in Bldg. 415, Yosemite room. In this hands-on training session, participants will make five different projects. The fee is \$15. Family members and friends are welcome. RSVP by Nov. 13. Contact: Terry Griffin, griffin6@llnl.gov or 2-6684.

Open Enrollment begins today

UC's Open Enrollment period begins today and continues through Nov. 30. All changes to medical and other benefits plans for the coming year must be made during the next 30 days.

There are important changes this year and employees are advised to carefully review the Open Enrollment packets that have been mailed to them by UC. The packets include a personalized statement and booklet, the plan rates and an explanation of the new rate structure for the medical plans and summaries of each plan.

Due to rising medical costs, there is an increase in the employee-paid premiums for all medical plans. While UC has absorbed most of the costs, a portion will be passed on to employees beginning Jan. 1. There will be a decrease in rates for employee-paid life insurance and disability insurance premiums and no change in the dental and vision plans.



The Benefits Office gave an overview Wednesday of all the Open Enrollment changes and options facing employees this year. That presentation was taped and will be rebroadcast on Lab TV on

Lab channel 2 on Tuesday at 10 a.m., and Thursday at 2 p.m.. During the rest of the month, the briefing will air on, Monday, Nov. 11 at 10 a.m.; Wednesday, Nov. 13, at noon; Tuesday, Nov. 19, at 10 a.m.; Thursday, Nov. 21, at 2 p.m.; and Monday, Nov. 25, at noon.

For the next month, the entire Benefits Office staff will be dedicated to answering Open Enrollment questions and helping employees understand the process. Benefits representatives can be reached at 2-9955.

For more information about this year's Open Enrollment changes, visit the UC benefits Website at: <http://atyourservice.ucop.edu>.

Green by design



JULIE KORHUMMEL/NEWSLINE

LLNL hosted a workshop on the Leadership in Energy and Environmental Design (LEED) Green Building Rating System Monday. Discussions included the cost-effective green building methodology for designing and constructing buildings that are healthful, energy-efficient and environmentally friendly. Pictured from left, Ian Watson, LLNL Site Planning; Karin King, DOE Oakland Operations Office; Bruce Campbell, LLNL Environmental Protection Department; and architect Bill Reed, who led the workshop.

Science Fair seeking members for review committee

The Tri-Valley Science and Engineering Fair (TVSEF), of which LLNL is a major 7-year sponsor, needs new members and a chairperson for its Scientific Review Committee (SRC).

The committee is comprised of qualified scientists, engineers and teachers who are responsible for evaluating student applications, including research plans, certifications and exhibits, for compliance with the TVSEF and Intel International Science and Engineering Fair rules and guidelines.

In early February, the committee normally

meets twice for approximately three hours to review the bulk of the applications.

Prior to that time, applications are reviewed as received on projects that require pre-approval before students begin their research phase, particularly those involving human subjects, vertebrate animals, pathogens or hazardous devices.

Interested scientists and engineers can contact Karen Kiernan-Rodriguez at kiernanrodriguez1@llnl.gov for additional information.

IN MEMORIAM

Robert Poor

Robert E. Poor, a retired physicist, died June 3 in Lincoln, Neb., from colon cancer. He was 77.

Poor was born in Plymouth, Ind., and served as a volunteer in the Navy during World War II, for which he received the Distinguished Flying Cross. Poor joined the Lab in 1958.

His wife, Helen, and his sons, Gary and Sam, preceded him in death.

Survivors include sons Stephen, Jonathon, Kim and Scott, a brother and sister, 11 grandchildren, and his companion, Lela Shanks.

Contributions in his memory may be sent to Clyde Malone Community Center Foundation, 4600 Valley Road, Room 400, Lincoln, NE 68510.

Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

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For an extended list of Lab beats and contacts, see <http://www.llnl.gov/llnl/06news/NewsMedia/contact.html>

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1952 – 2002 MAKING HISTORY, MAKING A DIFFERENCE



This is an ongoing feature highlighting the Lab’s 50-year history. This week we take a look at the years 1995 and 1996.

The details of nuclear weapon performance

On August 11, 1995, President Bill Clinton announced that the U.S. would pursue a Comprehensive Nuclear Test Ban Treaty. In making that decision, he also reaffirmed the importance of maintaining a safe and reliable nuclear weapons stockpile. Then, on September 25, 1995, the President directed necessary programmatic activities to ensure continued stockpile performance. The Stockpile Stewardship Program was formulated and formally began under the leadership of Vic Reis, DOE’s assistant secretary for Defense Programs.

The program was launched as an ambitious effort to significantly improve the science and technology base for making informed decisions about an aging nuclear weapons stockpile without relying on nuclear testing. To succeed, the three DOE national security laboratories, now part of the National Nuclear Security Administration, needed much more advanced experimental and computational capabilities. As new capabilities are coming on line, they are contributing to surveillance of stockpiled weapons to determine their condition, assessment of weapon safety and reliability, activities to extend the lifetime of weapons and certification of refurbished warhead systems. They are also being used to train and evaluate the skills of the next generation of stockpile stewards, who depend on these tools to help maintain the nuclear stockpile.



For the nation’s Stockpile Stewardship Program, trained fissile material handlers examine parts of selected weapons from the stockpile for signs of aging.

nuclear
stockpile **1995**

1996 adaptive
optics

Laser Guide Star: Heralding a new era in astronomy

In September 1996, observers at the University of California’s Lick Observatory obtained their first image that was significantly improved through use of a laser guide star and adaptive optics developed at Livermore. The event heralded a new era in astronomy. Atmospheric distortions, which cause stars to twinkle and have haunted astronomers since Galileo, no longer need limit the performance of Earth-based telescopes.

Subsequently, a team from Livermore, the University of California and the California Institute of Technology installed adaptive optics and a laser guide star system on the 10-meter telescope at Keck Observatory in Hawaii.

Since the first observations in 1998, adaptive optics have enabled astronomers to obtain infrared-light images of unprecedented resolution — four times better resolution than the Hubble Telescope. For example, astronomers using the Keck telescopes have obtained the best pictures yet of Neptune.

In December 2001, “first light” was achieved with a newly installed laser guide star system for Keck. When the laser guide star is fully integrated with adaptive optics systems, new frontiers of research and new kinds of observations — perhaps including images of a planet orbiting a distant star — will become possible.



The Laser Guide Star.



NEWS YOU CAN USE

Roll-out for site-wide Meeting Maker upgrade

Meeting Maker is being upgraded to 7.2.1 and will be introduced to the Lab population in late November. The upgrade will be managed by Open Labnet and supported by 4-HELP.

The transition from the current version to 7.2.1 will occur over a weekend, resulting in very little downtime for users. All data (e.g., meetings, contacts and to-do lists) will be preserved during the upgrade.

Meeting Maker is a site-licensed shared-calendar program available to all Lab personnel. The current version can be downloaded at <https://esd.llnl.gov/esd.cfm>. If you would like an account, and do not already have one, see your local Meeting Maker administrator or call 4-HELP (4-4357).

The new version of Meeting Maker offers an overall performance improvement plus new features, including:

- Macintosh OS X compatibility
- Improved support for Palm OS handhelds
- Java client for mobile users
- More reliable reconnections



The upgrade will be rolled out in an automated fashion, with most of the process occurring behind the scenes. Meeting Maker users will be required to log in as normal and accept the installation of the new version. More detailed instructions will be given to users in the coming weeks.

The Meeting Maker Upgrade Project team tested the new version of Meeting Maker with Lab standard

software (e.g., Microsoft Office, Eudora and Netscape). To date, no compatibility issues were discovered.

More detailed upgrade information is available at <http://4help.llnl.gov/mm/upgrade.html>. This Website contains instructions and important considerations for Macintosh, PC and Solaris platforms. New information will be posted as it becomes available.

Open LabNet maintains the Meeting Maker server. Local Meeting Maker administrators support individual accounts. Questions concerning the upgrade can be directed to 4help@llnl.gov, or call 4-HELP (4-4357).

Annual two-day workshop in signal and imaging sciences

The Laboratory's Center for Advanced Signal and Imaging Sciences (CASIS) will hold its annual Signal and Imaging Sciences Workshop Thursday and Friday, Nov. 14 and 15 in the Bldg. 123 auditorium.

Keynote speaker Leon Cohen of City University will kick off the Thursday session with a talk entitled, "Time-Frequency Description of Signals." Friday's session will start with a talk by Alan Witten of the University of Oklahoma's School of Geology and Geophysics, "Expedition Adventure: Using Geophysics to Find Dinosaurs, Pirate Ships and Cavemen." Sessions begin at 9 a.m. Badging is required.

For registration information, contact Liz Kurzeika, 3-3220, or mail to: kurzeika1@llnl.gov

Technical Meeting Calendar

Friday
1

PHYSICS & ADVANCED TECHNOLOGIES

"The Kuiper Belt," by David Jewitt, University of Hawaii. Noon, Bldg. 319, room 205 (uncleared area). Michael Gregg, 3-8946, or Sandra Maldonado, 3-0621.

Monday
4

H DIVISION

"Phase Transformation and Isotopic Quantum Effects in Amorphous Ice," by Jacob Urquidi, Argonne National Laboratory. 10:30 a.m., Bldg. 219, room 163 (uncleared area). Contacts: Giulia Galli Gygi, 3-4223, or Darlene Klein, 4-4844.

INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH

Frontiers In Technology: Quantum Computation And Information Seminar Series. "The Nature and Location of Quantum Information," by Robert B. Griffiths, Carnegie-Mellon University. 3:30 p.m., Bldg. 543 auditorium. Contact: Linda Bodtke, 3-0421.

Tuesday
5

PHYSICS & ADVANCED TECHNOLOGIES DIRECTORATE-WIDE SEMINAR SERIES

"Searching for the Origin of the Universe: CP Violation in B Mesons," by Douglas M. Wright. 2 p.m., Bldg. 543 auditorium (uncleared area). Contact: Ralph Jacobs, 4-4545, jacobs6@llnl.gov.

Thursday
7

H DIVISION

"Solid-Solid Transformation Kinetics in CdSe Nanocrystal Systems," by Keren Jacobs, UC, Berkeley. 10:30 a.m., Bldg. 211, room 227 (uncleared area). Contacts: Choong-Shik Yoo, 2-5848; Donna Vercelli, 2-0976.

Friday
8

PHYSICS & ADVANCED TECHNOLOGIES

"Interstellar Dust," by Alexander Tielens, University of Groningen and UC Berkeley. Noon, Bldg. 319, room 205 (uncleared area). Michael Gregg, 3-8946, or Sandra Maldonado, 3-0621.

Thursday & Friday
14-15

ENGINEERING & THE CENTER FOR ADVANCED SIGNAL AND IMAGING SCIENCES

Signal and Imaging Sciences Workshop. Thursday, Nov. 14: "Time-Frequency Description of Signals," by Leon Cohen, City University. Friday, Nov. 15: "Expedition Adventure: Using Geophysics to Find Dinosaurs, Pirate Ships and Cavemen," by Alan Witten, University of Oklahoma. Sessions will begin at 9 a.m. and will be held in the Bldg. 123 auditorium both days (badging required). For registration information, contact Liz Kurzeika, 3-3220.

Monday
18

CHEMISTRY & MATERIALS SCIENCE

"Fundamental Study and Application of Cluster Impact on

Solid Targets," by T. Aoki, Kyoto University, and "STM Observation of Surface Vacancies Created by Ion Impact," by T. Seki, Kyoto University. 11 a.m., Bldg. 235, room 1090 (uncleared area). Contacts: Eduardo Bringa, 3-5724, or Linda Jones, 3-8839.

Tuesday
19

CENTER FOR NONDESTRUCTIVE CHARACTERIZATION

"Past and Current Activities in Imaging Devices for Photons and Particles," by Morgan Burks and Jacques Millaud. 1:30 p.m., Bldg. 235, Gold Room (uncleared area). Contact Ann Tyler, tyler8@llnl.gov, to obtain the abstract.

December
5

PHYSICS & ADVANCED TECHNOLOGIES

"Study of a Pair-Produced Heavy Neutral Bosons at LEP Using the L3 Detector," by Serguei Likhoded, Boston University. 1:30 p.m., Bldg. 211, room 227 (uncleared area). Contacts: Doug Wright, 3-2347, or Pat Smith, 2-0920.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to tmc-submit@llnl.gov. For information on electronic mail or the newsgroup llnl.meeting, contact the registrar at registrar@llnl.gov.



HOME Campaign off and running



The HOME Campaign got off to a fast start Thursday with race competitions, costume contests and the annual Agency Fair. Taking advantage of a clear, warm autumn day, employees turned out in force for a spirited event befitting Halloween. Director Michael Anastasio and Rep. Ellen Tauscher kicked off the Run for HOME. Matt Nolan won the run competition, covering the three kilometers in 8 minutes, 54 seconds; Beth Vitalis was the fastest female runner with a time of 10:17. Top master runners were Jim Jones and Jean Shuler. The speediest skaters were Frank Esparza, with a time of 5 minutes even, and Jeanie Larson-Miller, 5:50. Top honors in the 800-meter swim went to Peer-timo Bremer, with a time of 9:59, and the first female swimmer was Christy Michelsen. Costume competition winners included: Pam Webb and Cori McLean, the “Tacky Tourists,” were judged most humorous; Carol Stocker as “Miss Neptune” was most colorful; Elisa Byer-Allen, “Just Married,” most creative; Tom Altenbach as Abraham Lincoln was most heroic and top honors for a multi-person costume went to the Statues of Liberty — Sherry Christensen, Renee Lopes, Donna Matson, Jackie Fox, Robin Ford, Mary Gualco, Marlene Anson, Tencia Leon, Margie Altenbach.



PHOTOS BY DON JOHNSTON AND ELIZABETH RAJS/NEWSLINE



For more information about the HOME campaign, check the Web: <http://www-r.llnl.gov/home2002/>

PHOTO BY LISA DAVIS/UTEL



CLASSIFIED ADS

AUTOMOBILES

1997 - Toyota Avalon, blue, fully loaded, leather wood interior, 95K mi, best offer. 925-443-3396

1972 - FORD VAN-72 Econoline60,000 miles on rebuilt engine, automatic w/ air, cruise control. Interior insulated, paneled w/ sleeping platform. \$800 firm 925-455-8779

1998 - Audi A4 Avant Quattro: top performance, versatility, premium pkgs: Bose sound, leather, sunroof, climate control, weather. Exc. condition - \$ 16,450 925-516-7945

1984 - JEEP CHEROKEE, runs good, 2.5L 4cyl, PS, PB, 4X4, 2DR, leather seats, 203k miles \$1250 209-473-8505

1973 - VW SuperB in good mech and body condition. Runs very well but needs new seats. \$1200. 925-426-2316

1991 - GMC Safari 8 passenger van. 4.3L V-6, H-O Version, 4:10 posi diff, auto, electric windows.20 mpg, \$2000 209-368-4286

1988 - We have to sell our 1988 Silver Camry, well maintained, clean interior/exterior, 1 YO tires, 144K miles, \$1750 925-294-8670

1994 - Ford Bronco Xlt 4x4, New Transmission, All Power, Tow Pkg, Tow Haulmode, New At Tires, Custom Rims, Lifted, Many Extras, Must See! \$7800 Obo. 209-836-1665

2001 - Saturn SC2 3-door, White ext./gray int. Excellent condition, 33k mi., all the extras, ppd maint. \$10,950. 925-485-1988

1988 - Honda Civic Wagon RT 4WD, 4 Dr, AC, PS, 138k, New Tires, New Brakes, Runs Great, Clean Title \$2,450 OBO 209-629-3766

1995 - Saturn SL-1, 5-Speed, Good Condition, Great Commuting Car, Price \$3000 or Best Offer. 209-824-2618

1997 - Toyota Celica GT, 2d, grey, tinted windows, sunroof, 10 disk cd/am/fm stereo, A/C, PW, PL, CC, PS, front bra, good cond 96K miles \$9,500. 925-640-8291

2000 - Honda Accord EXL, 2d, white, Fully loaded, tinted windows, sunroof, cd/am/fm stereo, A/C, PW, PL, CC, PS; alarm, excellent cond 45K miles \$17,500. 510-329-7096

1986 - 300ZX (V6, 2+2 coupe, charcoal)--single owner; excellent running condition & interior; great exterior; good tires. \$2900. 925-736-8901

1989 - BMW 525i Sedan Black Super Clean Leather 5-Speed Classic Car 186K miles \$5500 or BO 510-207-7696

1994 - Mustang GT Convertable, new top, new leather seats, 5 Speed, K and N Air filter, 145K, \$9500 510-914-0425

2000 - Sienna XLE, fully loaded, leather, mint condition, 39K miles, 6 yr/75,000 mile Toyota Platinum extended warranty, \$23,500 obo 925-447-0430

1990 - Jeep Wrangler 4WD, 4cyl, 5 speed, auto locking hubs, hard top, new tires/rims, rebuilt trans, am/fm/cd system, salvage title, \$4,800.00 obo 209-667-1039

1995 - Toyota Camry Coupe 2Dr, Drk Green, AC, 124k, 5sp, CD, PB, PS, New Wheels/Tires, New Brakes, Runs Perfect, Clean Title \$5,050 OBO (510) 773-1334 or 925-456-7445

1992 - Nissan Maxima Color: Burgundy V6 3.0 Liter Trans;Automatic; Front Wheel Drive; Loaded;\$4,250; In last 2 years, replaced brakes, tires, battery 925-518-5438

AUTOMOBILE ACCESSORIES

One NEW 14 inch, 14x175/70 Michelin A4 TIRE mounted. balanced on 4 bolt Ford Escort rim \$28 OBO 925-447-7070

Parts for 57 chevy PU. Bed minus wood/ tailgate. One good and one repairable fender \$125. Front axle/ drums \$100 Rear axle/ drums \$125 209-368-4286

Weight distributing trailer hitch, Reese, used once \$150 925-829-3175

1962 VW 1300CC All German complete engine. asking \$450.00. 1970 IRS tranny for bug or dune buggy. Close 3rd gear. Asking \$300.00 925-373-7294

Car ramps, drive on, 9 inch lift \$20.00 925-443-2245

CAMERAS

Nikon N90S with Quantary 70-30 mm F4-5.6 auto zoom lens. Macro focusing/multi-coated AF Tech 10. (for Nikon AF). New (never used)\$900 or best offer. 925-447-8104

ELECTRONIC EQUIPMENT

Adaptec 2930 UltraSCSI PCI card. Enables use of SCSI drives and peripherals on newer Macs. \$25. 925-454-8827

Etrax Venture GPS new in box with instructions and PC interface cable. Four months old, paid \$169.95 sell for \$125/obo. 209-892-5734

Apple Laser Writer Printer Select 310 B & W. \$100.- or BO. Call evenings. 209-869-4900

Playstation-includes 1 memory card, 1 controller, 6 games. Call for list of games. Asking \$ 200.00 925-679-2284

PowerMac G3 System: 19 inch monitor, Laserwriter, CD, Zip, Floppy, 4GB+2GB disks, 128MB RAM, OS8.5, plus Office & PhotoShop software. All for \$400. 925-447-8780

GIVEAWAY

3 Bikes, Free. All need work, good for charity fixer uppers. Womans Schwinn; Boys approx. 16 inch; small childs 2-wheeler. You Pick Up. 925-447-1360

2 new aluminum screens, 22 in x 36 in. 925-447-5221

Small landscape rock, approx. 2 yds. You haul. 925-449-8863

Beer bottle collection 925-443-8894

Concrete blocks, standard building size, have 6 left, for wall or foundation 925-443-2245

Waterbed, king size w/ headboard, heater, and drawers in bed frame. In Modesto, you haul. 916-216-5050

HOUSEHOLD

Standard office desk - steel (beige) with a wooden top (walnut), 5 drawers and 1 file drawer. Excellent condition. \$65. 925-838-7021

WASHER Sears Kenmore heavy duty. Works fine. Almond Color. \$50. 209-833-1201

CARDBOARD BOXES, STURDY moving/storage: Big and Bigger: 40 for \$50; Wardrobes: \$6 call 925-846-5060

Bed-Twin Extra Long, Pillow Top Mattress and Box Spring With Frame, Mattress Cover and Sheets. All Under a Year Old. \$25.00 925-443-9435

Freezer, Upright, Hotpoint 16 cu. ft., \$100.00 OBO. 925-443-7215

Full size sofa. Good condition \$200.00 209-825-1828

Refrigerator, white, side-by-side. Excellent condition. \$250 or best offer. 925-447-1609

Childrens playhouse. Little Tikes Country Cottage. Like new, built-in sink & range. Yellow with blue roof. \$100. 925-426-0721

Oak Entertainment center. Holds tv, vcr/dvd, and stereo equipment. Good condition. \$100 or make offer. 925-443-5028

Futon. Full size. Extra thick. Natural Oak frame. \$75. 510-338-0237

Queen sized mattress and box springs in reasonable condition. 925-449-1128

Refrigerator. Amana, 18 ft3, white, top

freezer. Works fine. Some minor cosmetic defects. 150\$. 925-443-8894

New Sealy posturpedic California King mattress set, \$695 925-447-0430

Sofa - 7 feet long. Excellent condition. Made by Heritage. Softtpeach and pale green colors. \$200. 925-447-7524

MISCELLANEOUS

DOUBLE STROLLER, Cosco, front and rear, converts easily for one or two children, has canopies, basket under, folds to go in car \$45 925-447-7070

Tickets(2)to East-West Shrine Game 1/11/03. \$25/BO donation goes to Shriners Hospital. 209-833-1201

WASHER, Maytag & GAS DRYER, heavy duty ñ good working order - off white-both \$200 OBO Will separate. Livemore 925-447-7070

New, G scale, USA Train, US Army Wood-sided Caboose in original box. Call for details. \$69.00 925-443-0526

FIREWOOD: Get your seasoned firewood before the rain starts; supply is limited; will deliver if necessary 925-634-2307

2 routers, Craftsman, mounted to table has fence, milter, 1 1/2 hp \$70.00. Black and Decker, mounted to table \$50.00 925-447-6099

Everything except the baby! Crib, nursery items, toys, clothing, high chair, and much more. All clean, top quality. 925-455-8258

Holiday Open House, Saturday, November 9, 10:00am-2:00pm, 3713 Valley View Way, Livemore. Creative Memories, Longaberger, Mary Kay, Tupperware! 925-455-5985

Comb book binder with combs \$55.00, speakers, Fischer 8 inch woofer \$45.00 pair 925-829-3175

Almond Ave School - Gift/Craft Faire & Bake Sale. 11/14/02, 2-7 pm, 1401 Almond Ave, Livemore. Help support the students of Almond Ave. 925-449-6048

Woorworking tools & misc: Delta shaper, incl. casters, tooling, \$500. Craftsman belt-sander stand, \$10. Chip separator, \$10. 925-447-0596

Lawn mower, Wards 21in. Yardman, 6 speed power propelled w/mulcher attach. MOVING \$100. or BO. Call evenings. 209-869-4900

Nintendo 64-includes Tremor pack, Memory card, Memory Expansion, 3 controllers & 9 Games. Call for list of games. Asking \$300.00 925-679-2284

Baby girl clothes. Carter, OshCosh, Gap and more. Sizes 6 to 24 month. \$5.00 to \$10.00. excellent condition. 925-606-0755

Chipper, Shredder, electric, branches up to 3/4 inch in main feed, 1 1/4 inch in aux. Very good condition. Made in Germany. \$40.00 925-447-2530

BBQ, Weber Go Anywhere, charcoal grill. Great for tailgates. New, still in box. Paid \$42 plus tax at BBQ Galore. \$30. 925-648-0671

Tis the Season Boutique Thur. Nov.7, 4-9pm, Fri. Nov. 8, 9am-8pm, Sat. Nov. 9, 9am-3pm 4549 Augustine St. Pleasanton 209-838-7967

Beautiful Renaissance dress, size 5, lace up bodice, lace sleeves, apron, off white linen cotton material, \$50 925-447-0430

40 foot Shipping/Storage Container. Made of aluminum, half the weight of steel containers. Plywood lined with lights and exhaust fans. \$2000 obo. 925-708-3080

MOTORCYCLES

1979 - Mirrors, 4 right & left blinkers and pass footpegs fits 79 XLS 175 Honda. \$50. Lv msg. 209-954-9853

1995 - Honda CBR 900RR, 16K miles, excellent condition! \$4950 OBO. 925-456-0517

Vector Shorty helmet, black, new condition, extra large, \$20 925-443-5549

MUSIC INSTRUMENTS

Piano, Currier, Console (41 inch. tall), Pecan Finish, \$250.00 OBO. 925-443-7215

Peavey Bandit 112 guitar amp, 2 channel, 3 way tone control reverb, 100 watts, excellent condition \$275.00 925-443-2245

PETS & SUPPLIES

Free To Good Home: Small female shepard mix 45 pounds. Found 2 weeks ago, no one has claimed her. Loving and great with kids. May have been abused. 925-455-8915

Russian Blue Male Indoor Cat; Toby needs a good home. He is very friendly and cuddly. Call for email or photo. 925-208-2155

Dachshund minis,AKC,w/champ lines,7 wks, 4 females, long hair&smooth, 3 chocolates,1 chocolate dapple. \$600-700 CASH only, 925-776-5612

2 Dog Houses-1 Igloo type, lrg \$20, 1 x-tra lrg wooden w/shigle roof, xtra nice \$50.Call after 6:00 PM 209-834-0469

PUG puppy, 17 weeks old, female, not spayed, partially house trained, AKC papers, adorable \$650 925-829-1794

Female Akita 1yo, Brindle, 3/4 Import, Show Quality, AKC, Champion Lines,Good Temperment. \$165 209-629-3630

Perfect for winter weather, extra large dog coat, never worn, new condition. \$20.00 925-606-0755

RECREATION EQUIPMENT

Jogging Stroller with sun canopy. Original Baby Jogger brand. Excellent condition. \$99. 925-454-8827

RIDESHARING

Express your commute, call 2-RIDE for more information or visit http://www-r.llnl.gov/tsmp.

Manteca/Lathrop - 2 rider/drivers to drive 1 day per week and 1 Friday per month, ride the rest for free. Pick up at your house. Work hours 8AM-4:30PM. 209-823-5085, ext. 2-0643

Lafayette - LaMoRinda (also Walnut Creek stop at Rudgear Rd) Vanpool (reclining seats, reading lights) 8-4:45, \$100/mo (pre-tax reduction available) 925-983-6701, ext. 2-3005

Orinda-Lafayette - Carpool from Lamorinda looking for 4th rider/driver. Meets near St. Stephens and Highway 24. Lab hours 8:10am-5pm 925-253-0498, ext. 2-9823

Modesto - Space available. Meet Pelandale & Sisk. Lab hours 7:45 AM to 4:30 PM. \$111/mo. Luxury van with high back seats. 209-521-9047, ext. 2-5177

Manteca - 9/80 shift - 7am-5pm. 4 person carpool. Drive 1 day/week + 1 Friday on rotation. Times may be negotiable, if necessary. 209-823-8309, ext. 2-8669

SERVICES

CLUTTERERS-Self Help Group. Is clutter stressing you out? Mondays 7-9 PM. St. Clare's Church, 3350 Hopyard / So. Valley Trails, Pleasanton 925-484-4480

Housecleaning services weekly, biweekly, monthly, good references, call 925-292-0405

Childcare in my home near LLNL. P/T or F/T, flexible schedule. Infant thru school age. Livemore school pick up available. 925-373-6806

SHARED HOUSING

Livemore - 2 bedrooms with shared bath \$700/month each. Utilities included. Full privileges. No pets, smoking or children. 925-449-1189

Livemore - Furnished room for rent. Mature adult/long term preferred.

Clean/quiet. \$550/month. Share utilities 1/3. Deposit required. Available 11/9. 925-449-1128

TRUCKS & TRAILERS

1972 - FORD VAN-72 Econoline60,000 miles on rebuilt engine, automatic w/ air, cruise control. Interior insulated, paneled w/ sleeping platform. \$800 firm 925-455-8779

1991 - American Steel 3-horse, slant-load, fresh paint, \$4,200 or best offer. 925-437-1737

1975 - Ford F-250 SuperCab 8 ft. Bed Camper Shell. Restored Condition. Loaded. \$4500 or B.O. 925-373-9050

1991 - 91 Ford Ranger PU, 4x4 XLT. 77K, good condition. \$4,500 OBO. 925-373-6936

2001 - Ford Ranger XLT, extended cab, white/gray interior, 24k miles, CD, tinted windows, great condition, \$12,500. 925-640-9068

1990 - ford supercab 4x4 7.3 diesel 5sp a/c new clutch vac pump waterpump fan clutch recovered front seat \$5,700 obo 925-625-3079

1995 - Ford Ranger,Bedliner, Towing Pkg. am-fm Cassete,Excellent Condition 57500 mi. \$4,700 2-0973WK 209-544-6880

1974 - Siesta 8 FT. Cabover Camper Like New Upholstery & Curtains, Stove/Oven, Dbl.Sink, 3-Way Refig, AC Converter & Jacks \$1200.00 OBO 209-833-7071

1985 - Motorhome, C-class 24ft Cobra, 454 Ford engine. Very clean, low miles, runs great, many ammenties, comfortable and fun. \$10500 925-426-5625

1992 - Chevy Silverado, white, automatic 350 V8, exhaust, lowered, 17in. rims, stereo sys. and alarm. \$8500 510-564-9627

1975 - Chevy Scottsdale 350, 1/2 ton, dual tanks, automatic, camper shell and carpet kit. \$1,500/obo 209-833-3896

1993 - Ford Explorer XLT 4X4, 70K mi, exc. cond. Pioneer CD.pwr everything. new tires+(4) mud tires, \$7400 OBO 925-577-9058

VACATION RENTALS

Pinecrest - (Off Sonora Pass Road), 3 bdrm/2 bath, frplc w/wood, microwave, dishwasher, pool table, large deck and view up No. Fork of Tuolumne, \$195/wknd. 925-449-5513

South Lake Tahoe - Large, comfortable home just minutes from recreational activities. Many amenities newere furniture, mid week rates 925-484-3162

SOUTH LAKE TAHOE - 3 Bedroom 2 bath Chalet, Newly remodeled. nicely furnished, close to all skiing, RESERVE NOW FOR HOLIDAYS/SKIING!! 209-599-4644

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

Tahoe Vacation Rental Large 3 Bedroom 925-679-1612

WANTED

Babysitter in Livemore for occassional evenings out with husband. Two five year olds. 449-7525.

Plastic model car parts. Left-overs, junkers, parts, tired of it, etc. 1:24 +/- . For proposed model diarama. 925-455-9409

Gift/Craft Donations needed for the Almond Ave School - Gift/Craft Faire on 11/14/02. Help support the students of Almond Ave. 925-449-6048

Used laptop in good condition for high schooler for note taking/word processing. 209-239-9116

TREADMILL wanted. Teenager wants to start jogging. Reasonable price only please! Thank you. 925-443-6015

AROUND THE LAB



Site 300 employees begin working 4/10 schedule

By Elizabeth Campos Rajs

NEWSLINE STAFF WRITER

Beginning Monday, Site 300 will shift to a 4/10 work schedule and will be closed on Fridays.

This alternate work schedule is on a six-month trial basis, but Site Manager Larry Sedlacek will be checking with the nearly 200 employees at the site and the programs they serve each month to see how the new hours are working, said Deputy Manager Jim Lane.

"We have a plan, but we will adjust as we go," Lane said. "The critical time will be in three months. We'll evaluate how it's working and look to improve it

based on what we have learned."

The new schedule is a result of employee feedback and to an extent, the Employee Survey. Not many of the initiatives being implemented at the Livermore site pertain to Site 300 employees, but an alternate work week was something the managers could offer, he explained.

Employees were surveyed and 60 percent said they wanted to try a 4/10 work week. Second choice was a 9/80 schedule, Lane added.

Site managers met with the scientists and engineers in the programs that use Site 300 and assured them the bunker crews could deliver the tests they needed in four 10-hour days.

"It will be an adjustment for everyone," Lane said.

The standard workday at Site 300 will be 7 a.m. to 5:30 p.m. The cafeteria will be open from 11 a.m. to 1:15 p.m. and the Badge Office will be open 6:30 a.m. to 4 p.m. The gates will open at 5:15 a.m. and close at 6:30 p.m. Monday through Thursday.

Because the site will be closed Fridays, there will be no services provided and the day will be treated as a weekend. Work should not be scheduled on that day, Lane said.

Friday will be reserved for conducting maintenance on facilities and associated equipment. Any exception to that schedule must be approved in advance by the Site 300 manager, Lane said.

DIRECTOR'S OFFICE

Continued from page 1

Operations and included ADs from both the programmatic and operational/administration organizations.

Also during the two-year period, quarterly meetings were held between the Senior Management Leadership of NNSA, UC, LANL and LLNL. These meetings not only provided senior management with detailed status reports on the progress of the five Appendix O initiatives, but they also provided an excellent forum for senior management to partner to work key issues and identify future goals.

The good news is that at the Oct. 16 meeting in Washington, D.C., which represented the scheduled end of the two-year contract period for Appendix O, all the requirements and milestones of Appendix O were met by UC, LANL and LLNL.

Specifically for the five major goals, the following was accomplished:

Management Accountability — UC has taken definitive actions to strengthen management at the laboratories and to clarify accountability within UC and the laboratories, including the creation of the Vice President for Lab Management (VPLM) Office and the establishment of Lab Senior Management Council. The VPLM and the lab directors have provided the leadership and management oversight to accomplish the Appendix O initiatives.

Safeguards and Security — This initiative was intended to ensure that each employee is directly responsible for performing work securely; to improve safeguards and security (S&S) management; and to instill public confidence in S&S at LANL and LLNL.

The Labs and VPLM demonstrated that all action-plan milestones for both laboratories were

completed or are on schedule. Workers, managers and security subject matter experts now have a better understanding of their security roles, responsibilities and authorities.

Facility Safety — This performance improvement initiative was intended to institutionalize best practices in facility operations and safety at LANL and LLNL for both nuclear and non-nuclear facility operations. Both LANL and LLNL faced a number of significant challenges in the facility safety arena.

The results show that these challenges have been met and that the objective of this initiative has been achieved. An approved quality assurance program is in place at LLNL.

Critical Skills — The Critical Skills, Knowledge and Technical Capabilities Initiative was intended to ensure that workforce critical skill replenishment is managed in a sound and systematic manner to assure that future mission needs of the Nuclear Weapons Program are effectively met. This objective has been accomplished.

Mechanisms are now in place to ensure continued replenishment of critical skills required to meet the mission needs of the Nuclear Weapons Program.

Property Management — This initiative was intended to strengthen project management and to institutionalize and standardize processes. The laboratories have met all expectations specified in Appendix O for this initiative.

Line-item construction project management showed improvement as a result of increased UC and Laboratory management involvement in project management improvement efforts and closer management attention to cost/schedule/scope performance.

NNSA's conclusion was "all UC requirements for Appendix O have been met," and their recommendation was to "close out Appendix O."

This is great news for our Laboratory. By meeting

our performance initiatives, our Laboratory and LANL have successfully demonstrated that the contract between UC and DOE/NNSA works to ensure we achieve our missions, in both science and technology as well as operations.

Looking over this two-year period, LLNL can see success at several different levels:

- The LLNL managers and staff positively responded to the challenge of these contract initiatives, their dedication and professionalism met and often exceeded contract requirements.

- The partnership between UC, LANL and LLNL was excellent, and the cooperation and partnership with the NNSA headquarters and site offices was strengthened. The trust that developed allowed the senior leadership to redirect performance focus to higher performance levels that focus more on mission/program and S&T efforts.

- This new focus on missions, as stated above, has led Senior Management to initiate new major performance goals in the contract (i.e., Appendix F), which will build on the success of Appendix O and the previous Appendix F system. The new Appendix F offers a potential for future performance success by placing contract performance priority on key major goals. For FY03 we will have nine major goals. The new system will be "top down" led by Senior Management and will place greater emphasis on supporting NNSA strategic objectives and meeting key Lab mission priorities.

In summary, the success of Appendix O represents another positive step for LLNL and UC contract performance, a step that helps us to focus on sustained performance improvement and leads to increased emphasis on strategic objectives appropriately coupled with LANL.

Glenn Mara is the Lab's deputy director for Operations.

A shot in the arm for the battle against flu

Lab employee Tom Jankowiak received a flu shot from Health Services employee Carol Turner at the Central Cafeteria on Wednesday. This year, 2,500 doses of vaccine were available at no cost to LLNL on-site workers at cafeteria clinics. The cafeteria clinics are finished for this season, but employees who still want a flu shot can go to the Health Services Department on a walk-in basis through Nov. 22. As a reminder, flu shots are especially recommended for employees who are 50 years of age or older or have chronic diseases such as asthma, diabetes, heart or lung disease, liver or kidney disease, sickle cell anemia, cancer or immune deficiencies.



JULIE KORHUMMEL/NEWSLINE

Researchers evaluate climate-friendly energy sources

By Anne M. Stark

NEWSLINE STAFF WRITER

In an effort to stabilize climate and slow down global warming, Lab scientists, along with a team of international researchers, have evaluated a series of new primary energy sources that either do not emit or limit the amount of carbon dioxide released to the atmosphere.

Possible candidates for primary energy sources include terrestrial, solar and wind energy; and solar-power satellites; biomass; nuclear fission; nuclear fusion; fission-fusion hybrids and fossil fuels from which carbon has been removed.

In a paper published in today’s edition of *Science*, Livermore researchers Ken Caldeira and L. John Perkins collaborated with a team to survey and evaluate a series of advanced energy technologies for their capability to supply mass amounts of carbon-emission-free energy required and their potential for large-scale commercialization.

“Reducing carbon dioxide emissions will require major change in how we produce, distribute, store and use our energy,” said Caldeira, one of the authors of the paper titled “Advanced Technology Paths to Global Climate Stability: Energy for a Greenhouse Planet.” Martin I. Hoffert of New York University was lead author of

the report.

The project was partially funded by DOE’s Office of Biological and Environmental Research and the Office of Fusion Energy Sciences. Team members include researchers from New York University, UC Irvine, University of Houston, McGill University in Canada, MIT, University of Illinois at Urbana-Champaign, Exxon Mobil Research and Engineering Company, Columbia University, University of Arizona, Naval Research Laboratory, NASA headquarters, and the National Center for Atmospheric Research.

“What our research clearly shows is that scientific innovation can only reverse this trend if we adopt an aggressive, global strategy for developing alternative fuel sources that can produce up to three times the amount of power we use today,” Hoffert said. “Currently, these technologies simply don’t exist — either operationally or as pilot projects.”

Non-primary power technologies that could contribute to climate stability and slowing down global warming include conservation, efficiency improvements, hydrogen production, storage and transport, superconducting global electric grids and geo-engineering.

About 85 percent of the power consumption today is fossil fueled. That, in part, has contributed to an

increase in the concentration of atmospheric carbon dioxide from 275 parts per million to 370 parts per million during the last century. Unchecked, it will likely pass 550 parts per million by the end of the 21st century. Climate models and paleoclimate data indicate that 550 parts per million of carbon dioxide, if sustained, will eventually produce 1.5 to 4.5 degrees Celsius (3 to 8 degrees Fahrenheit) in global warming. This warming would be comparable in magnitude but opposite in sign to global cooling of the last Ice Age.

The report states that to stabilize climate, we will need one to three times the present world power consumption to come from energy technologies without greenhouse emissions. But carbon-emissions-free energy sources do not exist yet, either operationally or as pilot projects.

One of the options explored is sequestration in which carbon dioxide emitted from fossil fuels is separated from the atmosphere by myriad approaches. Sequestration strategies include carbon reservoirs in oceans, trees, soils, depleted natural gas and oil fields, deep saline aquifers, coal seams and solid mineral carbonates.

The report concludes: “Combating global warming by radical restructuring of the global energy system could be the technology challenge of the century.”

LAWRENCE

Continued from page 1

“Receiving one Lawrence Award is prestigious in itself, but receiving two in the same year lets the nation know that our Laboratory is strongly dedicated to performing outstanding science,” Anastasio said. “Goodwin and Santer have proven track records in their respective fields and they have now received national recognition that is well deserved.”

Department of Energy Office of Science Director Raymond Orbach hosted the ceremony while DOE Chief of Staff Kyle McSllarrow, the deputy secretary of Energy designate, gave opening remarks and handed out the medals.

The award was established in 1959 to honor the memory of the late Ernest Orlando Lawrence, who invented the cyclotron and is the namesake for DOE’s Lawrence Livermore and Lawrence Berkeley national laboratories.

“You are doing the best in basic research in the national interest,” McSllarrow said to the recipients. “An individual effort does make all the difference in the world. Cooperation allows genius to flourish. You are doing science today to bring us tomorrow’s discoveries.”

As Orbach introduced the recipients, he cited their contributions to their respective fields of science includ-

ing: chemistry, national security, nuclear technology, physics, life sciences, materials research — which was first awarded in 1984 — and environmental science and technology — first awarded in 1993.

“Bruce Goodwin has provided insights into the basic understanding of plutonium at high pressure and temperatures,” Orbach said. “He’s at the forefront of the transition of primary design from an art to a science.”

Goodwin is cited for his work in creating equations of state for plutonium under extreme pressures. His work is essential to the nation’s ability to address stockpile stewardship, enabling reliance on the nation’s aging nuclear weapons without further nuclear testing.

“I came up with some theories for the equations of state for plutonium under extreme conditions derived from peculiarities I saw in nuclear test data,” Goodwin said of his work. “I was flying in the face of 40 years of research and the critics said it couldn’t be true.”

But Goodwin’s theories proved true and he continues to work with a team of scientists furthering the pursuit of plutonium research.

Santer, the first awardee to be honored for research in climate modeling, is cited for “his identification of human effects on Earth’s climate,” Orbach said. “His work on identifying the fingerprints of increasing carbon dioxide and aerosols in observational temperature data is arguably the best in that scientific specialty.”

Santer compared climate change to a mystery story. “We know the Earth’s oceans and land surface have

warmed, global sea level is rising, and the Arctic ice is melting... We also suspect that these changes are highly unusual in the context of the last 1,000 years of climate history. But figuring out why these changes have occurred is like a ‘whodunit.. To solve this mystery, we rely on the fact that different things that affect climate have unique climate fingerprints. These fingerprints are a helpful tool in unraveling the causes of climate change. Though there will always be uncertainties, one thing is sure: Our actions are altering global climate.”

Other Lawrence winners this year included: C. Jeffrey Brinker of Sandia National Laboratories and the University of New Mexico for his work developing sol-gels to create nanostructured materials; Claire Fraser of The Institute of Genomic Research for her work in genomic science and the “shotgun” sequencing approach; Keith Hodgson of Stanford University and the Stanford Linear Accelerator for his work devising innovative ways to use synchrotron radiation in chemistry; Saul Perlmutter of Lawrence Berkeley National Laboratory for his work studying supernovae to determine that the expansion of the universe is actually accelerating instead of slowing down ; and Paul Turinsky of North Carolina State University for his work in nuclear technology.

Orbach said the breadth and scope of science represented in this year’s recipients was breathtaking.

“It’s a testimony to Ernest Lawrence and what he instilled in us,” Orbach said.

TAUSCHER

Continued from page 1

scary world. Wherever I go, people tell me you are truly important in fighting terrorism.”

Asked by an employee about “technology short-falls” seen by members of Congress, Tauscher replied that House and Senate members rely on national laboratory experts to inform them.

“You have a specific expertise across a bandwidth that is critical for national security. The work done by the laboratories must continue with or without a homeland security bill.”

Tauscher informed employees that she and fellow member of Congress, Mac Thornberry of Texas, had sent the latest report on terrorism, authored by former Senators Gary Hart and Warren Rudman, to members of the House and Senate.

It has been vital, Tauscher noted, to have Laboratory employees working in Washington, D.C. on the transition planning team for the new Department of Homeland Security.

Wayne Shotts, the Lab’s associate director for Non-proliferation, Arms Control and International Security, introduced Tauscher for the homeland security talk. During his introduction Shotts thanked the third-term congresswoman for being a “tireless worker” and “tremendous supporter” of the Laboratory.

Earlier Thursday, Tauscher invited the media to visit

the Decontamination and Waste Treatment Facility, where she provided an update about ongoing operations and the efforts to open the treatment portion of the facility.

The storage area of the DWTF opened in late summer. The treatment portion of the facility is awaiting final permits before operations can begin.

“I am pleased to be here and pleased to see this facility is being used,” said Tauscher, referring to the storage portion of DWTF. Tauscher has been working with DOE to move forward on the treatment portion of the facility. The storage facility was built in 1998 while the treatment facility was completed last year. DOE and the Laboratory are still completing safety documentation leading to the final permit for an operational treatment facility.

In the meantime, the Lab continues to use its current treatment facility. Though this facility still meets all safety requirements, Tauscher said, “For a 21st-century stockpile stewardship program, we need 21st-century equipment.”

Tauscher emphasized she is looking forward to continued work with DOE headquarters to get the treatment facility under way. DOE hopes to have the facility up and running by August 2003. Tauscher said she wants to look for ways to move up that deadline.

“Nobody wants to cut corners...but I want to see this facility open sooner than August 2003,” Tauscher said.

Tauscher also took time during her visit to help the Lab kick off the annual HOME Campaign. Tauscher and Director Michael Anastasio were the official race starters in the Run for HOME.

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